

AMENDMENTS TO THE SPECIFICATION

Please amend the specification, as follows:

Replace paragraph [0015] with the following amended paragraph [0015]:

Referring to FIG. 4, the DATA1 output from the demodulator 320 of FIG. 3 is applied to a four-symbol sliding correlator 410. The four-symbol sliding correlator 410 performs a correlation operation on every four symbols of the input DATA1 and outputs correlation values to detect the position of the segment sync signal from the input DATA1.

Replace paragraph [0036] with the following amended paragraph [0036]:

FIG. 2 illustrates a detailed structure of a field sync signal of FIG. 1.

Replace paragraph [0044] with the following amended paragraph [0044]:

The VSB level selection signal VSBSEL enables the selection of the input DATA1 or DATA2 as a 15 VSB signal or an 8 VSB signal, for example. If the input DATA1 or DATA2 is a 15 VSB signal, the data selector 610 selects and outputs DATA1. If the input DATA1 or DATA2 is the 8 VSB signal, the data selector 610 selects and outputs either DATA1 or DATA2 based on the operation mode selection signal MODESEL.